

I. GENERAL

The Collateral Support Division's primary responsibility to the Center and to external intelligence components is directly dependent upon the Center's capabilities to provide a research and reference service which will fulfill the needs of all imagery analysis efforts. This involves the analysis, selection and organization of intelligence materials, the preparation of target briefs and photo handbooks, the indexing and codification of intelligence material for rapid input and retrieval via available automated systems, the maintenance of a library facility geared specifically to provide the necessary tools for all Center efforts, the continuation and expansion of an intelligence materials procurement program and the compilation of various types of collateral aids designed specifically for imagery exploitation.

Future planning for implementation of the JIIRG proposal will very deeply involve CSD in the attempt to establish a data base which will consist of - an Installation Data File, an Object Data File, an Exploitation Products Data File, a PI Key production program etc. These initial efforts together with closely related efforts will have a considerable impact on the Division's manpower needs.

II. OBJECTIVES - Major objectives for the period FY1969-FY1973 are as follows:

A. Installation Data File. The present NPIC Target Data File consists of some 22,000 targets. The JIIRG recommendation calls for a data file for 1st and 2nd phase reporting incorporating the COMOR, PROL, TDI, NPIC and selected contingency targets. According to Appendix "K" (JIIRG), this file, the National Imagery Target Base (NIETB) would contain 32,000 in FY 67 growing to about 36,000 in FY 71.

OBJECTIVES

To establish an Installations Data File which will be in agreement with the JIIRG report and which will be compatible with the concepts of COINS. The initial effort will be directed toward an Installation data base in which all pertinent imagery on 32,500 installation will be referenced. To achieve this objective would require that a comparison be made of the present NPIC target list with those recommended by JIIRG. To input the 10,000 plus targets into a NIETB file will require researching and generation of Target Briefs to include appropriate collateral, imagery data, map and chart references, etc. It will also require a considerable effort in updating graphic materials used during mission exploitation.

We recommend that this effort commence as soon as possible and/or practical since this file will contain the imagery data essential for the creation of the basic PI reports. To input the 10,000 targets properly in the data file will require 20 man years.

B. Exploitation Products File. The JIIRG recommendations task the Center to create an Exploitation Products File. The Center's data base of photographic interpretation products now consists of 32,000 finished reports, 5,000 order of battle reports, 40,000 briefing aids and 19,000 photomosaic

plots. All of these are under machine control and with the exception of the photomosaic plots, are included in the All Source Indexing System.

OBJECTIVES

To conform to the JIIRG recommendations it will be necessary to accomplish the following:

1. To insure the receipt of all imagery based products by establishing direct NPIC distribution and dissemination channels with all imagery exploitation Centers.
2. To establish liaison channels with these Centers in order to provide guidance and instruction in the use of the All Source System and to further the goals of standardization already outlined in TIPS/COINS.
3. In anticipating an increase in the number of imagery reports, we assume that direct support reports and memorandums (informals) will also increase and be included in the National file. To insure the rapid handling, input, and control of these files we will reduce processing time by utilizing the on-line capabilities of the Center's computer facilities.
4. We feel that the implementation time outlined by JIIRG for this file will be adequate if the existing NPIC procedures, formats, and Mini-card equipment are used and developed.

C. Object Data File. JIIRG tasks the Center to maintain an object file which will contain the information derived from reconnaissance imagery on weapons, weapon systems, associated equipment and objects of intelligence interest. This file is the least well defined, however, we assume that text as well as graphics will be included in this file. The definition, scope, and inter-relationship of the object file with the installation data file will require extensive design and coordination efforts. A variety of incompatible hardware is in use throughout the Community. Consequently, an extensive development effort of three to five years will be necessary for full implementation.

OBJECTIVES

To plan, research and lead in the development of an object file. This will entail extensive discussions with contributors and users on content and the extent of the file. Although hardware for implementation may lag, file format will be established and the file created within one year.

D. PI Keys. To provide collateral data to the various organizations that will be engaged in the production of PI Keys.

OBJECTIVES

The implementation this JIIRG proposal will necessitate considerable planning and coordination efforts. CSD will provide analytical support to:

1. To determine if any key-like publications already exist on the subject.
2. To assemble all textual sources relevant to the subject.
3. To assemble ground and aerial photos.

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E. ADDITIONAL OBJECTIVES - In addition to these specific objectives outlined to conform with the JIIRG recommendations, CSD will seek to accomplish the following additional programs:

1. To improve the composition and quality of the target briefs through the exploitation of new sources of information and the expansion of input and retrieval processes.
2. To continue the preparation of photo reference handbooks on all geographic areas of interest and subject categories of concern with particular emphasis being placed on items included in the object file.
3. To continue and expand the maintenance of the COMOR BASED CSD Installations File.
4. To establish channels for acquiring additional aerial photography, and other imagery produced by either foreign governments or commercial enterprises on targets of interest.
5. To improve the Photomosaic program by including GRC plots, KH-7 photography and other new systems as they become operational.
6. To expand our Liaison activities with all sources, both governmental and private, in order to more fully exploit information of intelligence value.
7. To train specialists on new geographic areas, and specific subject categories which are or may be of concern to the Center and Intelligence Community.
8. To attend conferences with other agencies for the investigation of information processing, the exchange of photo intelligence files, the servicing of requests, and the promotion of systems compatibility.
9. To further the concept of the Data Control Center with information flowing in from a variety of external sources such as the news media, FBIS, NSA, Watch Offices, Operation Centers, and other intelligence collecting centers and repositories. The latest techniques and devices such as CRT and in-house and external data links will supplement the LDX and leased wire lines already installed and operational.
10. The automation of library records will continue. The circulation control program will be supplemented to include automatic retrieval of references to non-codeword intelligence reports, open sources publications and periodicals.
11. To institute a mechanized remote map and chart display system and to create automated systems for the utilization of intelligence data contained in cartographic materials.
12. To continue the training of specialists on multiple-sensors, new geographic areas, and specific subject categories which are or may be of concern to the Center and Intelligence Community.
13. To increase the selectivity of collection so that publications and files will be more specifically oriented toward the object and installation files.
14. Reformatting of the NPIC target brief file to serve as a basis for establishing a common denominator in the intelligence community for input and exchange/dissemination of information.
15. To completely automate all files for support of the photo interpreter. The first step in this direction is to perfect computer prediction program (now undergoing test) to include all targets in the National Intelligence

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Data File. (Currently only active COMOR targets are under a computer prediction system).

We will establish the necessary liaison for developing a computer capability to plot targets on appropriate charts. This will provide a capability for a more accurate and timely plotting than the present manual system. Further, we will conduct the necessary discussions (with IPD) to develop a random access capability for automated files.

16. To fully automate the Mission Index for Satellite photography. This will require utilization of computer predictions of all targets in the National Intelligence Data file with a quality control through a system which will eliminate invalid references; such as, cloud cover.
17. To strive to develop complete and self-sustaining collateral files to enable immediate and total support to the photo interpreter on targets in the National Intelligence Data File.
18. To provide Division representatives at COMOR and COMEX meetings.
19. To maintain and expand the CSD Domestic file in support of R&D for new imagery systems.